

The Ember Defender



The Ember Defender roof mounted sprinkler system is designed to reduce the impact of ember attack on your home in the event of a bushfire.

Why use the Ember Defender?

CSIRO state that over 90 percent of all houses burnt in a bushfire are caused by ember attack and not radiant heat or flame.

The Ember Defender roof mounted sprinkler system is designed to reduce the impact of ember attack on your home in the event of a bushfire.

[Fire Protection Association \(FPA\) Australia](#) state that a bushfire sprinkler system, or an external water sprinkler system, can be a major factor in protecting homes built in bushfire-prone areas.

- Easy to install
- No plumber required
- Suitable for all roof types

The kit includes:

- 1 x Ember Defender
- 1 x brass sprinkler head
- 1 x brass end cap
- 1 x brass snap-on hose connector.

Warning

The presence of a sprinkler system is no guarantee that a house or its occupants will survive a fire. Performance of the Ember Defender is subject to water pressure.

Do not climb on a wet roof.

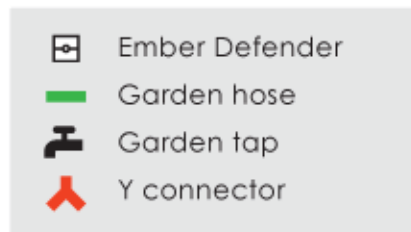
Sprinkler performance – brass butterfly sprinkler head with plastic spinner and stainless steel spindle.

kPa	L/m	Dia(m)
100	11.6	12.1
150	13.1	13.1
200	14.7	12.8

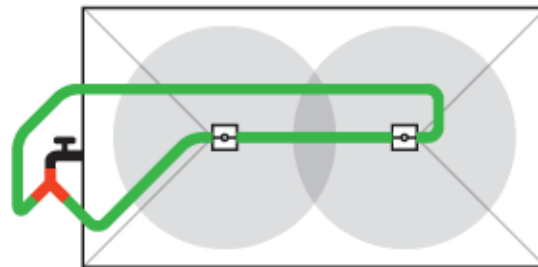
Typical Ember Defender Installation

Installation Steps

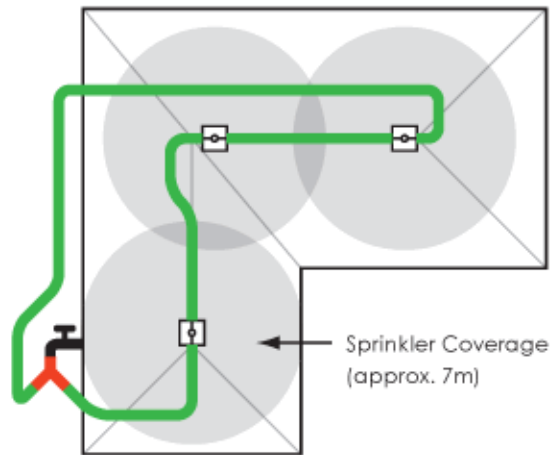
- 1** Plan your sprinkler system to determine how many Ember Defender units, plus other components you need.
- 2** Space the Ember Defender sprinklers evenly along the ridge cap and tighten hinge locks. (maximum spacing 7m)
- 3** Connect units together using garden hose and brass snap-on garden hose connectors. (as per diagrams)
- 4** Connect to a garden tap ideally located at the front of your property.



Typical 2 Ember Defender installation



Typical 3 Ember Defender installation



Disclaimer

No sprinkler system or like device can protect buildings or the occupants of buildings from wildfire. If properly installed and operated in accordance with the applicable instructions, 'Ember Defender' will reduce the risks posed by ember attack. 'Ember Defender' will not protect buildings or the occupants of buildings from the direct flame or radiant heat of a wildfire. To the extent permissible by law, purchasers of 'Ember Defender' install and operate 'Ember Defender' at their own risk and release and indemnify the manufacturers and suppliers of 'Ember Defender' and their directors, officers, servants, agents, employees and assigns from and against all actual, direct, indirect or alleged claims, damages, demands, losses, costs, liabilities, suits, actions, expenses or proceedings of whatsoever nature, whether arising under any statute or at common law, arising out of or in connection with injury to (which shall include illness) or death of any person or damage to or destruction of any real or personal property caused directly or indirectly by or in connection with the manufacture, supply, installation, operation or performance of 'Ember Defender'